

OPINION 1984 (Case 3121)

Holochilus* Brandt, 1835, *Proechimys* J.A. Allen, 1899 and *Trinomys* Thomas, 1921 (Mammalia, Rodentia): conserved by the designation of *H. sciureus* Wagner, 1842 as the type species of *Holochilus

Keywords. Nomenclature; taxonomy; Mammalia; Rodentia; MURIDAE; ECHIMYIDAE; *Holochilus*; *Proechimys*; *Trinomys*; *Holochilus sciureus*; marsh rats; spiny rats; Central America; South America; neotropics.

Ruling

- (1) Under the plenary power all previous fixations of type species for the nominal genus *Holochilus* Brandt, 1835 are hereby set aside and *Holochilus sciureus* Wagner, 1842 is designated as the type species.
- (2) The following names are hereby placed on the Official List of Generic Names in Zoology:
 - (a) *Holochilus* Brandt, 1835 (gender: masculine), type species by designation under the plenary power in (1) above *Holochilus sciureus* Wagner, 1842;
 - (b) *Proechimys* J.A. Allen, 1899 (gender: masculine), type species by original designation *Echimys trinitatis* J.A. Allen & Chapman, 1893;
 - (c) *Trinomys* Thomas, 1921 (gender: masculine), type species by original designation *Echimys albispinus* I. Geoffroy Saint-Hilaire, 1838.
- (3) The following names are hereby placed on the Official List of Specific Names in Zoology:
 - (a) *sciureus* Wagner, 1842, as published in the binomen *Holochilus sciureus* (specific name of the type species of *Holochilus* Brandt, 1835);
 - (b) *trinitatis* J.A. Allen & Chapman, 1893, as published in the binomen *Echimys trinitatis* (specific name of the type species of *Proechimys* J.A. Allen, 1899);
 - (c) *albispinus* I. Geoffroy Saint-Hilaire, 1838, as published in the binomen *Echimys albispinus* (specific name of the type species of *Trinomys* Thomas, 1921).

History of Case 3121

An application for the conservation of the names *Holochilus* Brandt, 1835, *Proechimys* J.A. Allen, 1899 and *Trinomys* Thomas, 1921 by the designation of *H. sciureus* Wagner, 1842 as the type species of *Holochilus* was received from Dr Robert S. Voss (*American Museum of Natural History, New York, NY, U.S.A.* and Dr Nataliya I. Abramson (*Zoological Institute, Russian Academy of Sciences, St Petersburg, Russia*) on 26 February 1999. After correspondence the case was published in BZN 56: 255–261 (December 1999). Notice of the case was sent to appropriate journals.

Comments in support of the application from Dr Ulyses F.J. Pardiñas (*Museum de La Plata, La Plata, Argentina*), Dr Marisol Aguilera (*Universidad Simón Bolívar, Caracas, Venezuela*) and Prof James L. Patton (*Museum of Vertebrate Zoology,*

University of California, Berkeley, California, U.S.A.) were published in BZN 57: 118–119 (June 2000).

Decision of the Commission

On 1 March 2001 the members of the Commission were invited to vote on the proposals published in BZN 56: 258–259. At the close of the voting period on 1 June 2001 the votes were as follows:

Affirmative votes — 21: Alonso-Zarazaga, Bock, Bouchet, Brothers, Calder, Cogger, Eschmeyer, Kerzhner, Kraus, Lamas, Macpherson, Mahnert, Martins de Souza, Mawatari, Minelli, Ng, Nielsen, Papp, Patterson, Rosenberg, Štys

Negative votes — none.

No votes were received from Dupuis and Song.

Original references

The following are the original references to the names placed on Official Lists by the ruling given in the present Opinion:

albispinus, *Echimys*, I. Geoffroy Saint-Hilaire, 1838, *Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences*, 6: 886.

Holochilus Brandt, 1835, *Mémoires de l'Académie Impériale des Sciences de Saint-Petersbourg*, (6)3(2), *Sciences Naturelles*, 1: 428.

Proechimys J.A. Allen, 1899, *Bulletin of the American Museum of Natural History*, 12: 264. [Issued in the serial in 1900 but published as a separate in 1899].

sciureus, *Holochilus*, Wagner, 1842, *Archiv für Naturgeschichte*, 8: 17.

trinitatis, *Echimys*, J.A. Allen & Chapman, 1893, *Bulletin of the American Museum of Natural History*, 5: 223.

Trimomys Thomas, 1921, *Annals and Magazine of Natural History*, (9)8: 140.